WHAT IS CLAIMED IS:

Please amend Claims 1, 5, 9, 10 and 12, as shown below. The claims, as pending in the subject application, read as follows:

1. (Currently Amended) An electric charging apparatus for holding and charging ~~including~~ a secondary battery, attachable/removable to/from an electronic apparatus main body which can be driven with ~~said~~ the secondary battery, said electric charging apparatus comprising:

reception means for receiving residual capacity information of the secondary battery, detected by the electronic apparatus to which the secondary battery is attached, from the electronic apparatus; [[and]]

display means for displaying the residual capacity information of the secondary battery; and

display control means for causing said display means to display ~~displaying~~ a battery residual capacity of the secondary battery based on the residual capacity information received by said reception means.

2. (Original) The charging apparatus according to claim 1, wherein said display control means displays a display pattern in correspondence with the residual capacity information.

3. (Original) The charging apparatus according to claim 1, further comprising:

electric power input means for inputting a driving voltage based on a commercial power source; and

power source relay means for relay-outputting the driving voltage inputted by said electric power input means, in addition to an output voltage from the secondary battery, to the electronic apparatus.

4. (Original) The charging apparatus according to claim 3, wherein said power source relay means selects higher one of the output voltage from the secondary battery and the driving voltage from said electric power input means, and supplies the selected voltage.

5. (Currently Amended) An electronic apparatus, which an electric charging unit ~~including~~ for holding and charging a secondary battery is attachable/removable to/from, and which can be driven with electric power from the secondary battery that is attached to said electronic apparatus, comprising:

residual capacity detection means for detecting a residual capacity of the secondary battery ~~at predetermined timing~~ in a state where the secondary battery is under an approximately constant load, when the electric charging unit is attached to said electronic apparatus; and

residual capacity transmission means for transmitting residual capacity information detected by said residual capacity detection means to the electric charging unit[[,]]

~~wherein the predetermined timing is a status where the secondary battery is under an approximately constant electrical load~~.

6. (Original) The electronic apparatus according to claim 5, wherein said residual capacity detection means detects the residual capacity based on an output voltage from the secondary battery.

7. (Original) The electronic apparatus according to claim 5, wherein said electronic apparatus is an image printing apparatus which performs image printing by driving a print head.

8. (Original) The electronic apparatus according to claim 7, wherein said image printing apparatus is an ink jet printing apparatus which forms an image on a printing medium by discharging ink from the print head.

9. (Currently Amended) A battery residual capacity display control method in an electric charging apparatus for holding and charging ~~including~~ a secondary battery, attachable/removable to/from an electronic apparatus main body which can be driven with the secondary battery, said method comprising:

a reception step of receiving residual capacity information of the secondary battery, detected by said electronic apparatus to which the secondary battery is attached, from said electronic apparatus; [[and]]

a display step of displaying the residual capacity information of the secondary battery; and

a display control step of causing said display means to display ~~displaying~~ a battery residual capacity of the secondary battery based on the residual capacity information received in said reception step.

10. (Currently Amended) A battery residual capacity detection method in an electronic apparatus, which an electric charging unit ~~including~~ for holding and charging a secondary battery is attachable/removable to/from, and which can be driven with electric power from ~~said~~ the secondary battery that is attached to said electronic apparatus, said method comprising:

a residual capacity detection step of detecting a residual capacity of the secondary battery ~~at predetermined timing~~ in a state where the secondary battery is under an approximately constant load, when the electric charging unit is attached to the electronic apparatus; and

a residual capacity transmission step of transmitting residual capacity information detected in said residual capacity detection step to the electric charging unit[[,]]

~~wherein the predetermined timing is a status where the secondary battery is under an approximately constant electrical load.~~

11. (Withdrawn) A printer apparatus, which an electric charging unit including a secondary battery is attachable/removable to/from, and which can be driven with electric power from said secondary battery, comprising:

a motor;

a voltage detection unit configured to detect an output voltage from the secondary battery in a case where the electric charging unit is attached to said printer apparatus;

a memory configured to hold voltage information detected by said voltage detection unit upon dummy-excitation of said motor; and

residual capacity transmission means for notifying a residual capacity of the secondary battery to the electric charging unit based on the voltage information stored in said memory.

12. (Currently Amended) An electric charging apparatus ~~including~~ for holding and charging a secondary battery, which is attachable/removable to/from an electronic apparatus main body which can be driven with ~~said~~ the secondary battery, said electric charging apparatus comprising:

a communication unit configured to perform communication with the electronic apparatus;

a display unit configured to display the residual capacity information of the secondary battery;

a display control unit configured to, when residual capacity information of the secondary battery detected by the electronic apparatus to which the secondary battery is attached is received via the communication unit, display a battery residual capacity on the display unit based on the residual capacity information; and

a control unit configured to control electric charging of the secondary battery.